



City of Los Angeles
Department of Water & Power

METROPOLITAN SERVICE PLANNING

2633 Artesian Street, Suite 210, Los Angeles CA 90031 (213) 367-6000 FAX: (213) 367-6027

W. C. Byrd

District Engineer

November 16, 2004

Mr. J. Peter Castelan
1528 Brookhollow Dr., Suite 57
Santa Ana, Ca 92705-5445

Dear Mr. Castelan

1451 Knox St. (Revision 1)
Harborage Way Business Park

Enclosed are two copies of the Department of Water and Power Authority to Bill.

Please sign and return one copy with your check for \$63,034, and retain one copy for your files.
This price is effective for 60 days from the date of this letter, after which it is subject to revision.
A return envelope is enclosed for your convenience.

If you have any questions regarding this matter, please contact Mr. Alfredo Cristobal at (213) 367-6009.

Sincerely,

W. C. BYRD
District Engineer

East Area
Metropolitan Service Planning

Enclosures

Authority to Bill for Electrical Facilities

November 16, 2004

1451 Knox St. (Revision 1)
Harbortate Way Business Park

In consideration of the work and materials used for electric facilities at the above job address by the Department of Water and Power (Department), the undersigned hereby agrees to pay the Department, in accordance with the Rules Governing Water and Electric Service in the City of Los Angeles, the sum of \$63,034. All work to be done by the Department is subject to the ability of the Department to obtain satisfactory easements, materials and equipment necessary. The Department is to retain title to all materials it installs.

This price is effective for a period of 60 days from the date of this document, after which it is subject to revision.

Mr. J. Peter Castelan
1528 Brookhollow Dr., Suite 57
Santa Ana, Ca 92705-5445

Signed _____

Date _____

Title _____

Approved

W.C. Byrd / D. Neal
District Engineer

PAYMENT RECEIPT

Proj. id: P226539

Billing WR id: 493466(\$42,597) & 491864(\$20,437)

\$Hold WR id: 486977

Work Order #: NPH70 & NPF88

Designer: Mr. Alfredo Cristobal

Date _____

Receipt of _____

Dollars \$ _____ Check/IDO _____

CMR# _____

to apply to the above charges, is hereby acknowledged.

Received by _____

Authority to Bill for Electrical Facilities

November 16, 2004

1451 Knox St. (Revision 1)
Harborage Way Business Park

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Mr. J. Peter Castelan
1528 Brookhollow Dr., Suite 57
Santa Ana, Ca 92705-5445

Signed _____

Date _____

Title _____

Approved W.C. Byrd / A. Noel
District Engineer

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City of Los Angeles
Department of Water & Power

METROPOLITAN SERVICE PLANNING

2633 Artesian Street, Los Angeles, CA 90031 (213) 367-6000 FAX: (213) 367-6027

W. C. Byrd
District Engineer

November 16, 2004

Mr. J. Peter Castelan
Project Manager
Utility Resource Network
1528 Brookhollow Dr., Suite 57
Santa Ana, CA 92705-5445

Dear Mr. Castelan:

1451 Knox St. (Revision 1)

Harborage Way Business Park
Project No. P226539

Enclosed is drawing 04P0667 Rev. 1 showing the underground electric service facilities required to serve your project. Per your request, the transformers and switchgear pads were moved to a new location.

The underground power supply system shall consist of:

- Two 8ft by 10ft precast transformer pads (TP1 & TP2) with handhole, Drawing No. UB721-07 Rev. 7.
- A 7ft by 11ft precast switch pad with handhole (SP), Drawing No. UB721-14 Group 2 Rev. 4.
- Two 5-inch and one 4-inch concrete encased (EB) plastic conduits from the Knox St. property line to SP.
- Two 5-inch concrete encased (EB) plastic conduits from SP to TP1.
- Two 5-inch and one 4-inch concrete encased (EB) plastic conduits from SP to TP2.
- Four 5-inch direct buried (DB) plastic conduits from TP1 to pull section (PS) 1200A.
- Five 5-inch and one 4-inch direct buried (DB) plastic conduits from TP2 to PS 1600A and fiber optics box, respectively.
- TP and SP shall be provided with barrier posts as shown per C721-01, -02 and -03

All indicated facilities must be furnished and installed in compliance with the Department's Electric Service Requirements. Inspection and approval of these facilities by our Electric Service Representative (ESR) is required prior to the installation of your service. Please contact the ESR for this project, Mr. Joseph McGrath, telephone number (213) 367-6176, prior to construction to verify the location of the underground facilities.

The Department will construct conduit in public property and charge the developer \$19,326 for construction and \$1,111 for permit fee. Additionally, the developer will be charged \$42,297 for the cost of additional transformer and associated 34.5kV cable, cable termination and core loss, and \$300 for re-engineering.

The developer will be responsible to pay the Surface Damage Restoration Fee (SDRF) to the Department of Public Works. Details of the SDRF will be transmitted in a separate cover.

After the contractor has satisfactorily completed the required work and paid the fees, the Department will install the transformer, service cable and meter.

The maximum available fault current at the proposed service is estimated to be:

<u>Service No.</u>	<u>Size</u>	<u>Voltage</u>	<u>Type</u>	<u>Fault Current</u>
1	1200A	480Y/277V	3Ø-4W	22,100A
2	1600A	480Y/277V	3Ø-4W	33,300A

This fault current information has been reported to the Department of Building and Safety.

Prior to fabrication of the switchboards, the manufacturer must submit drawings showing the proposed service and metering equipment.

Mail four copies of the switchboard drawings to:

Los Angeles Department of Water and Power
East Metropolitan Service Planning Office
2633 Artesian Street Room 210
Los Angeles, California 90031

Attention: Mr. Edison Corpuz

Mr. Castelan

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November 16, 2004

Please be advised that it is your responsibility to provide a copy of this Service Agreement to the contractor or subcontractor responsible for performing the work.

If you have any questions regarding these requirements or wish to discuss any design changes, please contact our design engineer, Mr. Alfredo Cristobal, at telephone (213) 367-6009.

Sincerely,

A handwritten signature in black ink, appearing to read "W.C. Byrd/A. Reed". The signature is fluid and cursive, with the first name and last name of the first person joined together, and the second name following a slash.

W. C. BYRD
District Engineer
East Area
Metropolitan Service Planning

Enclosure

c: ESR Joseph McGrath
ENG Alfredo Cristobal

ENGR - 1
ESR - 1
CUST - 1

REVISION 1

HARBORGATE WY

FIRE PUMP SERVICE
PS 1200A
480Y/277V, 3 ϕ , 4W
Isc=22,100A

12"H x 12"W x 6"D
FIBER OPTICS
BOX

PS 1600A
480Y/277V, 3 ϕ , 4W
Isc=33,300

DETAIL "B"

MANHOLE (MH "A")

KNOX ST

NOTES:

1. THE DEVELOPER SHALL CONTACT THE DEPARTMENT ELECTRIC SERVICE REPRESENTATIVE (ESR), MR JOSEPH MCGRATH AT (213) 367-6176 PRIOR TO CONSTRUCTION.
2. THE DEPARTMENT WILL CONSTRUCT CONDUIT ON PUBLIC PROPERTY AT A COST OF \$19,326 AND \$1,111 PERMIT FEE TO BE CHARGED TO THE DEVELOPER.
3. THE DEVELOPER SHALL PAY THE "STREET DAMAGE RESTORATION FEE" (SDRF), TO THE DEPARTMENT OF PUBLIC WORKS BEFORE THE ISSUANCE OF PERMIT TO CONSTRUCT THE CONDUIT.
4. THE DEVELOPER WILL BE CHARGED \$42,297 FOR THE COST OF ADDITIONAL TRANSFORMER AND ASSOCIATED 34.5KV CABLE, CABLE TERMINATION AND CORE LOSS.
5. THE DEVELOPER WILL BE CHARGED \$300 FOR RE-ENGINEERING.

7'X11' PRECAST SWITCH PAD (SP)
WITH HANDHOLE PER
DWG. UB721-14 G-2 REV. 4

2-5"P & 1-4"P(EB)
(SEE NOTES 2 & 3)

SP SOUTH WALL
2-5"P & 1-4"P

TP2 NORTH WALL
5-5" & 1-4"P

4-5"P(DB)
TO PS 1200A

2-5"P(EB)

5-5" TO PS 1600A
& 1-4"P(DB) TO FIBER
OPTICS BOX

8'X10' PRECAST TRANSFORMER
PAD (TP1) WITH HANDHOLE PER
DWG. UB721-07 REV. 7

8'X10' PRECAST TRANSFORMER
PAD (TP2) WITH HANDHOLE PER
DWG. UB721-07 REV. 7

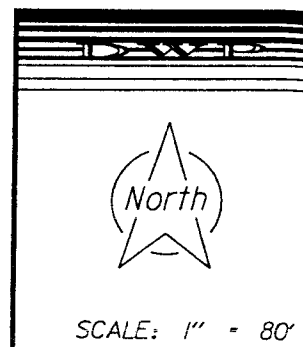
2-5" & 1-4"P(EB)

2-5" & 1-4"P(EB)
FROM PL TO SP

2-5" & 1-4"P(EB)
FROM MH "A" TO PL

DETAIL "A"

THIS COMMITMENT IS VALID FOR SIX
MONTHS ONLY. ANY CHANGE IN LOAD
OR DESIGN WILL REQUIRE REVISED
PLANS TO BE SUBMITTED FOR RE-
EVALUATION.



CITY OF LOS ANGELES
DEPARTMENT OF
WATER AND POWER

METRO EAST SERVICE CENTER - SERVICE PLANNING

DATE 10/28/04

DRAFTING

APPROVED

DESIGN

A. CRISTOBAL

CUSTOMER'S ELECTRIC SERVICE REQUIREMENTS
1451 KNOX ST.
HARBORGATE WAY BUSINESS PARK

04P0667

BOE-C6-0094040